

Title (en)

A METHOD FOR DATA TRANSMISSION IN A CELLULAR TELECOMMUNICATION SYSTEM

Title (de)

VERFAHREN ZUR DATENÜBERTRAGUNG IN EINEM ZELLULAREN ÜBERTRAGUNGSSYSTEM

Title (fr)

PROCEDE DE TRANSMISSION DE DONNEES DANS UN SYSTEME DE TELECOMMUNICATION CELLULAIRE

Publication

EP 1080551 A1 20010307 (EN)

Application

EP 98930761 A 19980529

Priority

EP 9803218 W 19980529

Abstract (en)

[origin: WO9963686A1] The present invention proposes a method for data transmission in a cellular telecommunication system, in which system data are transmitted in units of bursts, each burst occupying a time slot (TS[j]) of one of consecutive frames (F[i]), each respective frame comprising a predetermined number (n) of time slots (TS[j], j=[0, ..., n-1]), and, within a single time slot (TS[j]) of each frame (F[i]), data can be transmitted between a first transceiver device (BS) and a respective one of a plurality of second transceiver devices (MS) in a first transmission direction (DL) from said first transceiver device (BS) to said respective second transceiver device (MS) or in a second transmission direction (UL) from said respective second transceiver device (MS) to said first transceiver device (BS), wherein during a first frame (F[i]) of consecutive frames respective second transceiver devices (MS) perform transmission with said first transceiver device (BS) during a time slot (TS[k]) assigned thereto for transmission, and during a subsequent second frame (F[i+1]) of said consecutive frames, respective second transceiver devices (MS) perform transmission with said first transceiver device (BS) during a different time slot (TS[1]) assigned thereto for transmission, with $0 \leq k$, $1 \leq n-1$ and $k \neq 1$.

IPC 1-7

H04B 7/26; **H04L 12/56**

IPC 8 full level

H04J 3/00 (2006.01); **H04B 7/26** (2006.01); **H04L 12/56** (2006.01)

CPC (source: EP US)

H04B 7/2643 (2013.01 - EP US); **H04W 74/0891** (2013.01 - EP US); **H04W 72/044** (2013.01 - EP US); **H04W 84/042** (2013.01 - EP US)

Citation (search report)

See references of WO 9963686A1

Designated contracting state (EPC)

AT BE CH DE FI FR GB IT LI NL SE

DOCDB simple family (publication)

WO 9963686 A1 19991209; AT E244960 T1 20030715; AU 8108398 A 19991220; CN 1295741 A 20010516; DE 69816347 D1 20030814; DE 69816347 T2 20040609; EP 1080551 A1 20010307; EP 1080551 B1 20030709; JP 2002517942 A 20020618; NO 20006011 D0 20001128; NO 20006011 L 20001128; US 7440422 B1 20081021

DOCDB simple family (application)

EP 9803218 W 19980529; AT 98930761 T 19980529; AU 8108398 A 19980529; CN 98814087 A 19980529; DE 69816347 T 19980529; EP 98930761 A 19980529; JP 2000552791 A 19980529; NO 20006011 A 20001128; US 71753500 A 20001121